


```
RESULT 2
PCT-US02-04812-4
; Sequence 4, Application PC/TUS0204812
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04812
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 12
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04812-4

Query Match          100.0%; Score 54; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 0.0084;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RVRRVRRVRR 12
Db 1 RVRRVRRVRR 12

RESULT 3
US-09-785-058-4
; Sequence 4, Application US/09785058
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A 34001 / 072396.0222
; CURRENT APPLICATION NUMBER: US/09/785,058
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 12
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-058-4

Query Match          100.0%; Score 54; DB 21; Length 12;
Best Local Similarity 100.0%; Pred. No. 0.0084;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RVRRVRRVRR 12
Db 1 RVRRVRRVRR 12

RESULT 4
US-09-785-059-4
; Sequence 4, Application US/09785059
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A3577 / 072396.0217
; CURRENT APPLICATION NUMBER: US/09/785,059
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 12
; TYPE: PRT
```

```
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-059-4

Query Match          100.0%; Score 54; DB 21; Length 12;
Best Local Similarity 100.0%; Pred. No. 0.0084;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RVRRVRRVRR 12
Db 1 RVRRVRRVRR 12

RESULT 5
US-10-079-075-4
; Sequence 4, Application US/10079075
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-A / 072396.0222
; CURRENT APPLICATION NUMBER: US/10/079,075
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 12
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-10-079-075-4

Query Match          100.0%; Score 54; DB 24; Length 12;
Best Local Similarity 100.0%; Pred. No. 0.0084;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RVRRVRRVRR 12
Db 1 RVRRVRRVRR 12

RESULT 6
PCT-US02-04432-5
; Sequence 5, Application PC/TUS0204432
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04432
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 24
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-5

Query Match          100.0%; Score 54; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RVRRVRRVRR 12
Db 13 RVRRVRRVRR 24

RESULT 7
```

PCT-US02-04812-5
; Sequence 5, Application PC/TUS0204812
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mieczner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04812
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 24
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04812-5

Query Match 100.0%; Score 54; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRVVRRVRR 12
| | | | | | | | | |
DB 13 RRVVRRVRR 24

RESULT 8
US-09-785-058-5
; Sequence 5, Application US/09785058
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mieczner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001 / 072396.0222
; CURRENT APPLICATION NUMBER: US/09/785,058
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 24
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-058-5

Query Match 100.0%; Score 54; DB 21; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRVVRRVRR 12
| | | | | | | | | |
DB 13 RRVVRRVRR 24

Query Match 100.0%; Score 54; DB 21; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRVVRRVRR 12
| | | | | | | | | |
DB 13 RRVVRRVRR 24

RESULT 9
US-09-785-059-5
; Sequence 5, Application US/09785059
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mieczner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A33577 / 072396.0217
; CURRENT APPLICATION NUMBER: US/09/785,059
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 24
; TYPE: PRT
; ORGANISM: Artificial Sequence

FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-059-5

Query Match 100.0%; Score 54; DB 21; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRVVRRVRR 12
| | | | | | | | | |
DB 13 RRVVRRVRR 24

RESULT 10
US-10-079-075-5
; Sequence 5, Application US/10079075
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mieczner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-A / 072396.0222
; CURRENT APPLICATION NUMBER: US/10/079,075
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 24
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-10-079-075-5

Query Match 100.0%; Score 54; DB 24; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRVVRRVRR 12
| | | | | | | | | |
DB 13 RRVVRRVRR 24

RESULT 11
PCT-US02-04432-6
; Sequence 6, Application PC/TUS0204432
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mieczner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04432
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-6

Query Match 100.0%; Score 54; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.031;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RRVVRRVRR 12
| | | | | | | | | |
DB 7 RRVVRRVRR 18

RESULT 12
PCT-US02-04812-6

```

1 Sequence 6, Application PC/US0204812
2 GENERAL INFORMATION:
3
4 APPLICANT: Ronald C. Montelaro
5
6 APPLICANT: Timothy A. Mietzner
7
8 TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
9
10 FILE REFERENCE: A34001-PC/ 072396.0223
11
12 CURRENT APPLICATION NUMBER: PC/US02/04812
13
14 CURRENT FILING DATE: 2002-02-19
15
16 NUMBER OF SEQ. ID NOS: 12
17
18 SOFTWARE: FASTSEQ for Windows Version 3.0
19
20 SEQ ID NO 6
21
22 LENGTH: 36
23
24 TYPE: PRT
25
26 ORGANISM: Artificial Sequence
27
28 FEATURE:
29
30 OTHER INFORMATION: Artificial peptide derived from HIV-1
31
32 PC/US02-04812-6

```

| | | | | |
|-----------------------|-----------------|------------------|-----------|------------|
| Query Match | 100.0%; | Score 54; | DB 1; | Length 36; |
| Best Local Similarity | 100.0%; | Pred. No. 0.031; | | |
| Matches 12; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; |

Qy 1 R V R V R R R V R R 12
|||
Db 7 R V R V R R R V R R 18

```

RESULT 13
US-09-785-058-6
; Sequence 6, Application US/09785058
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mletzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A 34001 / 0723061.0222
; CURRENT APPLICATION NUMBER: US/09/785,058
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
; US-09-785-058-6

```

| | | | | |
|-----------------------|-----------------|------------------|-----------|------------|
| Query Match | 100.0%; | Score 54; | DB 21; | Length 36; |
| Best Local Similarity | 100.0%; | Pred. No. 0.031; | | |
| Matches 12; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; |

| | | | |
|----|---|-----------|----|
| QY | 1 | RVRVRVRVR | 12 |
| | | | |
| Db | 7 | RVRVRVRVR | 18 |

```

RESULT 14
US-09-785-059-6
; Sequence 6, Application US/09785059
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Metzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A3577 / 072396.0217
; CURRENT APPLICATION NUMBER: US/09/785,059
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 36
; TYPE: PR1
; ORGANISM: Artificial sequence
; FEATURE:

```

OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-059-6

| | | | | |
|-----------------------|-----------------|------------------|-----------|------------|
| Query Match | 100.0%; | Score 54; | DB 21; | length 36; |
| Best Local Similarity | 100.0%; | Pred. No. 0.031; | | |
| Matches 12; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; |

| | | | |
|----|---|-------------|----|
| QY | 1 | RVRVRVRVRVR | 12 |
| | | | |
| Db | 7 | RVRVRVRVRVR | 18 |

```

RESULT 15
US-10-079-075-6
Sequence 6, Application US/10079075
GENERAL INFORMATION:
APPLICANT: Ronald C. Montelaro
APPLICANT: Timothy A. Metzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A34001-A / 072396.0222
CURRENT APPLICATION NUMBER: US/10/079, 075
CURRENT FILING DATE: 2002-02-19
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 36
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Artificial peptide derived from HIV-
US-10-079-075-6

```

| | | | | |
|-----------------------|-----------------|------------------|-----------|------------|
| Query Match | 100.0% | Score 54; | DB 24; | Length 36; |
| Best Local Similarity | 100.0% | Pred. No. 0.031; | | |
| Matches 12; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; |

| | | | |
|-----|---|-----------|----|
| Qy | 1 | RVRVRVRVR | 12 |
| | | | |
| Dib | 7 | RVRVRVRVR | 18 |

Search completed: June 9, 2003, 13:07:20
Job time : 59.766 secs